Ahmad Azlina

List of Publications by Year
in descending order

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70	827	567281 15	552781 26
papers	citations	h-index	g-index

70	70	70	1130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative Stress, NF-ÎºB-Mediated Inflammation and Apoptosis in the Testes of Streptozotocinâ€“Induced Diabetic Rats: Combined Protective Effects of Malaysian Propolis and Metformin. Antioxidants, 2019, 8, 465.	5.1	91
2	Downâ€regulation of steroidogenesisâ€related genes and its accompanying fertility decline in streptozotocinâ€induced diabetic male rats: ameliorative effect of metformin. Andrology, 2019, 7, 110-123.	3.5	59
3	Potential Down-Regulation of Salivary Gland AQP5 by LPS via Cross-Coupling of NF-ÎºB and p-c-Jun/c-Fos. American Journal of Pathology, 2010, 177, 724-734.	3.8	53
4	Effect of 940Ânm low-level laser therapy on osteogenesisin vitro. Journal of Biomedical Optics, 2013, 18, 128001.	2.6	53
5	Optimization of scanning electron microscope technique for amniotic membrane investigation: A preliminary study. European Journal of Dentistry, 2018, 12, 574-578.	1.7	42
6	Diabetes-induced testicular oxidative stress, inflammation, and caspase-dependent apoptosis: the protective role of metformin. Archives of Physiology and Biochemistry, 2020, 126, 377-388.	2.1	40
7	Effect of low level laser and low intensity pulsed ultrasound therapy on bone remodeling during orthodontic tooth movement in rats. Progress in Orthodontics, 2018, 19, 10.	3.5	32
8	Novel phosphorylation of aquaporin-5 at its threonine 259 through cAMP signaling in salivary gland cells. American Journal of Physiology - Cell Physiology, 2011, 301, C667-C678.	4.6	31
9	Roles of lysosomal proteolytic systems in AQP5 degradation in the submandibular gland of rats following chorda tympani parasympathetic denervation. American Journal of Physiology - Renal Physiology, 2010, 299, G1106-G1117.	3.4	25
10	Cell Attachment Properties of Portland Cementâ€“based Endodontic Materials: Biological and Methodological Considerations. Journal of Endodontics, 2014, 40, 1517-1523.	3.1	25
11	Degradation of submandibular gland AQP5 by parasympathetic denervation of chorda tympani and its recovery by cevimeline, an M3 muscarinic receptor agonist. American Journal of Physiology - Renal Physiology, 2008, 295, G112-G123.	3.4	23
12	In vitro genotoxicity tests for polyhydroxybutyrate â€“ A synthetic biomaterial. Toxicology in Vitro, 2008, 22, 57-67.	2.4	21
13	Malaysian propolis and metformin mitigate subfertility in streptozotocinâ€induced diabetic male rats by targeting steroidogenesis, testicular lactate transport, spermatogenesis and mating behaviour. Andrology, 2020, 8, 731-746.	3.5	21
14	Protective effects of bee bread on testicular oxidative stress, NF-ÎºB-mediated inflammation, apoptosis and lactate transport decline in obese male rats. Biomedicine and Pharmacotherapy, 2020, 131, 110781.	5.6	20
15	Inhibition and transcriptional silencing of a subtilisin-like proprotein convertase, PACE4/SPC4, reduces the branching morphogenesis of and AQP5 expression in rat embryonic submandibular gland. Developmental Biology, 2009, 325, 434-443.	2.0	15
16	Trafficking of GFP-AQP5 chimeric proteins conferred with unphosphorylated amino acids at their PKA-target motif (152SRRTS) in MDCK-II cells. Journal of Medical Investigation, 2009, 56, 55-63.	0.5	14
17	Effects of naturally occurring G103D point mutation of AQP5 on its water permeability, trafficking and cellular localization in the submandibular gland of rats. Biology of the Cell, 2011, 103, 69-86.	2.0	14
18	Angiogenic potential of extracellular matrix of human amniotic membrane. Tissue Engineering and Regenerative Medicine, 2016, 13, 211-217.	3.7	14

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19	Immunomodulatory Effect of Cytokines in the Differentiation of Mesenchymal Stem Cells: A Review. Current Stem Cell Research and Therapy, 2017, 12, 197-206.	1.3	14
20	Biological Interaction Between Human Gingival Fibroblasts and Vascular Endothelial Cells for Angiogenesis: A Co-culture Perspective. Tissue Engineering and Regenerative Medicine, 2017, 14, 495-505.	3.7	13
21	Gene expression analysis of osteoblasts seeded in coral scaffold. Journal of Biomedical Materials Research - Part A, 2008, 87A, 215-221.	4.0	12
22	Evaluation of Tualang honey as a supplement to fetal bovine serum in cell culture. Food and Chemical Toxicology, 2009, 47, 1696-1702.	3.6	12
23	Effectiveness of Self-Assembling Peptide (P11-4) in Dental Hard Tissue Conditions: A Comprehensive Review. Polymers, 2022, 14, 792.	4.5	12
24	Induction of Sca-1 in the duct cells of the mouse submandibular gland by obstruction of the main excretory duct. Journal of Oral Pathology and Medicine, 2011, 40, 651-658.	2.7	11
25	Identification and Characterization of Intraoral and Dermal Fibroblasts Revisited. Current Stem Cell Research and Therapy, 2017, 12, 675-681.	1.3	11
26	Importance of Stem Cell Migration and Angiogenesis Study for Regenerative Cell-based Therapy: A Review. Current Stem Cell Research and Therapy, 2020, 15, 284-299.	1.3	11
27	Induction of Sca-1 via activation of STAT3 system in the duct cells of the mouse submandibular gland by ligation of the main excretory duct. American Journal of Physiology - Renal Physiology, 2011, 301, G814-G824.	3.4	9
28	White mineral trioxide aggregate mixed with calcium chloride dihydrate: chemical analysis and biological properties. Restorative Dentistry & Endodontics, 2017, 42, 176.	1.5	9
29	Metformin mitigates impaired testicular lactate transport/utilisation and improves sexual behaviour in streptozotocin-induced diabetic rats. Archives of Physiology and Biochemistry, 2021, 127, 51-60.	2.1	8
30	Involvement of the IL-6/STAT3/Sca-1 system in proliferation of duct cells following duct ligation in the submandibular gland of mice. Journal of Medical Investigation, 2009, 56, 253-254.	0.5	7
31	Chemical analysis and biological properties of two different formulations of white portland cements. Scanning, 2016, 38, 303-316.	1.5	7
32	Angiogenic and osteogenic potentials of dental stem cells in bone tissue engineering. Journal of Oral Biology and Craniofacial Research, 2018, 8, 48-53.	1.9	7
33	Transforming Growth Factor-Î± and Nonsyndromic Cleft Lip with or without Palate or Cleft Palate Only in Kelantan, Malaysia. Cleft Palate-Craniofacial Journal, 2008, 45, 583-586.	0.9	6
34	Osteoinductive Activity of Bone Scaffold Bioceramic Companied with Control Release of VEGF Protein Treated Dental stem cells as A New Concept for Bone Regeneration: Part II. Journal of Hard Tissue Biology, 2018, 27, 69-78.	0.4	6
35	Properties of Cell Sources in Tissue-Engineered Three-dimensional Oral Mucosa Model: A Review. Current Stem Cell Research and Therapy, 2016, 12, 52-60.	1.3	6
36	Proliferative Effect of Malaysian Propolis on Stem Cells from Human Exfoliated Deciduous Teeth: An In vitro Study. British Journal of Pharmaceutical Research, 2015, 8, 1-8.	0.4	6

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37	The relationship between telomere length and beekeeping among Malaysians. Age, 2015, 37, 9797.	3.0	5
38	Association of IL-1 gene polymorphisms with chronic rhinosinusitis with and without nasal polyp. Asia Pacific Allergy, 2019, 9, e22.	1.3	5
39	Human Amniotic Membrane as a Matrix for Endothelial Differentiation of VEGF-Treated Dental Stem Cells. Cellular and Molecular Bioengineering, 2019, 12, 599-613.	2.1	4
40	Amniotic Membrane Enhance the Effect of Vascular Endothelial Growth Factor on the Angiogenic Marker Expression of Stem Cells from Human Exfoliated Deciduous Teeth. Applied Biochemistry and Biotechnology, 2020, 191, 177-190.	2.9	4
41	Identification of Copy Number Variation Among Nonsyndromic Cleft Lip and or Without Cleft Palate With Hypodontia: A Genome-Wide Association Study. Frontiers in Physiology, 2021, 12, 637306.	2.8	4
42	A Study of Single Nucleotide Polymorphisms of Tumour Necrosis Factor Î±-1031 And Tumour Necrosis Factor Î²+ 252 in Chronic Rhinosinusitis. Clinical and Experimental Otorhinolaryngology, 2017, 10, 241-247.	2.1	4
43	Effects of Local Delivery of Vascular Endothelial Growth Factor on Biological Performance of the Composite Biomaterial Used to Accelerate Bridging of Critical-Sized Mandibular Bone Defect in Rabbit Model. Journal of Medical and Bioengineering, 2015, 4, 93-99.	0.5	4
44	Oral health knowledge, attitude, and practices among Yemeni school students. Journal of International Oral Health, 2019, 11, 15.	0.3	4
45	Lipopolysaccharide-Mediated Induction of Calprotectin in the Submandibular and Parotid Glands of Mice. Inflammation, 2011, 34, 668-680.	3.8	3
46	Identification of novel fibroblast-like cells from stem cells from human exfoliated deciduous teeth. Clinical Oral Investigations, 2019, 23, 3959-3966.	3.0	3
47	The Effect of Tualang Honey on Human Periodontal Ligament Fibroblast Proliferation and Alkaline Phosphatase Level. Sains Malaysiana, 2015, 44, 1021-1025.	0.5	3
48	Evaluation of the Human Amniotic Membrane as a Scaffold for Periodontal Ligament Fibroblast Attachment and Proliferation. Sains Malaysiana, 2019, 48, 1927-1935.	0.5	3
49	Down-regulation of submandibular gland AQP5 following parasympathetic denervation in rats. Journal of Medical Investigation, 2009, 56, 273-276.	0.5	3
50	Induction of calprotectin mRNAs by lipopolysaccharide in the salivary gland of mice. Journal of Medical Investigation, 2009, 56, 287-289.	0.5	2
51	Enhanced Osteogenic and Angiogenic-Related Gene Expression of Human Dental Stem Cells on Biphasic Calcium Phosphate Scaffold Treated with Vascular Endothelial Growth Factor: Part I. Journal of Hard Tissue Biology, 2017, 26, 373-380.	0.4	2
52	The Effect of Strontium on Osteoblastogenesis and Osteoclastogenesis in Dental Stem Cells-induced Epidermal Growth Factor at Molecular Level: <i>In Vitro</i> Study. Journal of Hard Tissue Biology, 2020, 29, 1-8.	0.4	2
53	Potential Association of Nicotinamide on the Telomerase Activity and Telomere Length Mediated by PARP-1 Mechanism in Myeloid Cancer. Sains Malaysiana, 2020, 49, 839-846.	0.5	2
54	A Comparison of Culture Characteristics between Human Amniotic Mesenchymal Stem Cells and Dental Stem Cells. Tropical Life Sciences Research, 2015, 26, 21-9.	0.9	2

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55	Salivary gland development: its mediation by a subtilisin-like proprotein convertase, PACE4. Journal of Medical Investigation, 2009, 56, 241-246.	0.5	1
56	Effects of natural point mutation of rat aquaporin 5 expressed in vitro on its capacity of water permeability and membrane trafficking. Journal of Medical Investigation, 2009, 56, 398-400.	0.5	1
57	Effect of Biphasic Calcium Phosphate Treated with Vascular Endothelial Growth Factor on Osteogenesis and Angiogenesis Gene Expression In Vitro. IFMBE Proceedings, 2014, , 239-242.	0.3	1
58	Combination Therapy of Cisplatin and other Agents for Osteosarcoma: A Review. Current Cancer Therapy Reviews, 2021, 17, 137-147.	0.3	1
59	Telomeres and Oxidative Stress. British Journal of Medicine and Medical Research, 2014, 4, 57-67.	0.2	1
60	Mini Review: Protein Components of Perivitelline Fluid (PVF) of Horseshoe Crabs & Its Applications in Medical Research. IOSR Journal of Pharmacy and Biological Sciences, 2014, 9, 39-42.	0.1	1
61	Dentinogenic differentiation potential of fast set white portland cements of a different origin on dental pulp stem cells. European Journal of General Dentistry, 2017, 6, 115.	0.4	1
62	Salivary and imaging-based biomarkers of radiation therapy-induced xerostomia. JPMA the Journal of the Pakistan Medical Association, 2021, 71, 1-15.	0.2	1
63	Expression analysis of Notch signaling pathway molecules in SHED cultured in keratinocyte growth medium. Brazilian Journal of Oral Sciences, 2015, 14, 135-140.	0.1	0
64	Amniotic membrane matrix effects on calcineurin-NFAT-related gene expressions of SHED treated with VEGF for endothelial differentiation. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 560-570.	1.5	0
65	Effect of FGF-2 and PDGF-BB on a Co-Culture of Human Gingival Fibroblasts and Umbilical Vein Endothelial Cells. Sains Malaysiana, 2020, 49, 1865-1874.	0.5	0
66	Effects of Perivitelline Fluid Obtained from Horseshoe Crab on The Proliferation and Genotoxicity of Dental Pulp Stem Cells. Cell Journal, 2015, 17, 253-63.	0.2	0
67	Odontogenic induction of human amniotic membrane scaffold for dental pulp regeneration. Materials Chemistry and Physics, 2022, 280, 125780.	4.0	0
68	Long-term treatment of dentine with triple antibiotic paste promotes stem cell viability and attachment. Journal of Taibah University Medical Sciences, 2022, 17, 630-639.	0.9	0
69	Acute compartment syndrome of the forearm: A case report of radius fracture with concomitant brachial artery transaction. Medical Journal of Malaysia, 2021, 76, 603-605.	0.2	0
70	Angiogenic and Migratory Gene Expression Analysis of Stem Cells From Exfoliated Deciduous Teeth for Wound Repair Application. Current Stem Cell Research and Therapy, 2022, 17, .	1.3	0